



Figure 81. Horizontal Cold Springs Breccia dike bifurcates on north wall of excavation. Area is E-14 Lower.

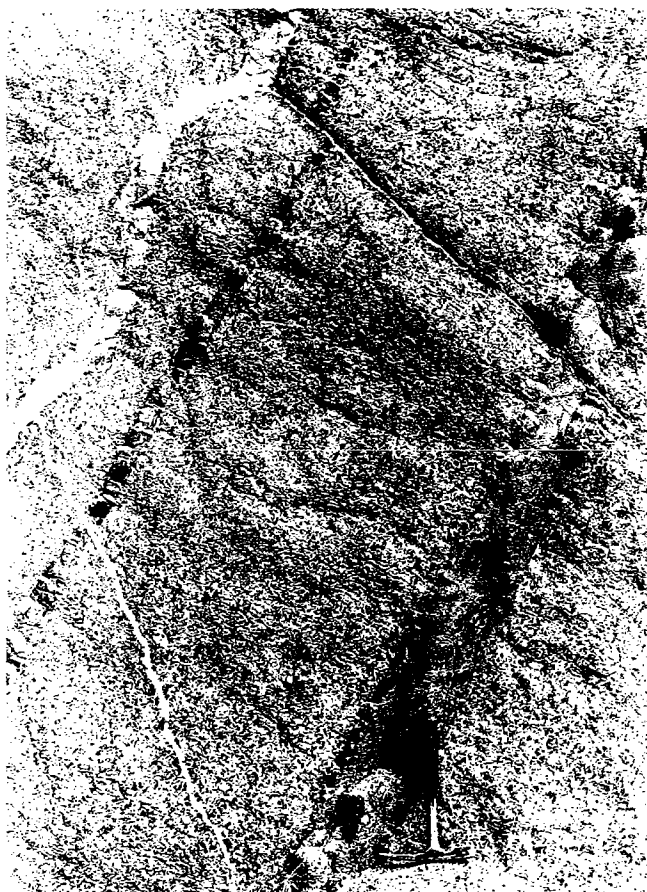


Figure 82. Glen Creek Gabbro cut by series of genetically related biotite microgabbro dikes. These in turn are cut by granitoid offshoots of Cold Spring Breccia dikes, with contemporaneous faulting. Area is E-14 Lower.

TABLE 20.—ANALYSES OF M ZONE SAMPLES
GLEN MOUNTAINS LAYERED COMPLEX

(From Alipouraghtapeh, 1979)

Field Trip Stop #1				
Wt %	WG-60	WG-61	WG-62	WG-66
SiO ₂	46.00	45.75	47.75	48.00
TiO ₂	0.66	0.46	0.74	0.41
Al ₂ O ₃	30.00	29.60	24.50	31.00
FeO ¹	3.97	3.40	4.58	3.10
MgO	3.12	2.92	5.18	2.28
MnO	0.04	0.02	0.07	0.05
CaO	11.00	11.80	12.00	10.00
Na ₂ O	2.56	2.82	2.27	3.56
K ₂ O	0.27	0.22	0.27	0.34
P ₂ O ₅	0.34	0.22	0.32	0.22
<u>ppm</u>				
Cu	88	22	45	51
Cr	5	10	43	16
Zn	58	30	49	30
Pb	20	20	30	20
Ni	20	22	18	20
Ba	70	60	45	120
Sr	534	622	441	573
Rb	nd	nd	nd	4
V	160	90	140	90
Total	97.96	97.21	97.69	98.96
1 = all Fe as FeO				
<u>Modes %</u>				
Plagioclase	93		65	
Olivine	tr		tr	
Clinopyroxene	5		25	
Orthopyroxene	tr		tr	
Opaques	?		10	
Others	tr		tr	